

POPULATION CALCULATION SHEET

① Population of City (or Other Municipality)

5409 People

Year 90

EPA Region 5 Records Ctr.

② Area of City (Planimeter Reading)

19.64 Square Inches



355592

③ Population Density [$\frac{1}{2}$ ÷ ②]

279.48 People per Square Inch

④ Average Persons per House (Census)

2.91 Year 80

⑤ Area of City Within Radius (Planimeter Reading)

⑥ Population of City Within Radius [$\frac{5}{4} \times ③$]

⑦ House Count Within Radius, Outside City

43

⑧ Population From House Count [$\frac{7}{4} \times ④$]

⑨ Total Population Within Radius [$\frac{6}{8} + ⑧$]

1/4 mile	1/2 mile	1 mile	2 miles	3 miles	4 miles
			9.39		
		9.84		.41	
			2024		
		2750		119	
				1	
		4831	246	372	
				1083	
		91	716	117	
		2841	3455	1198	

ERROR CHECK:

⑩ Area of City Outside 4 miles

0 Square Inches

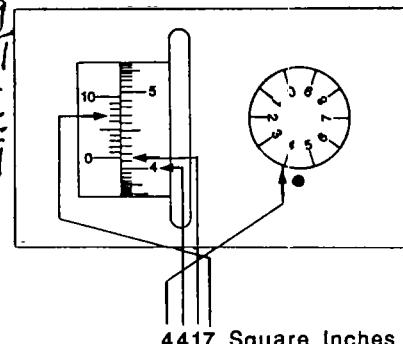
⑪ Population of City Outside of 4 miles [$\frac{10}{4} \times ③$] _____ People

⑫ Population of City [$\sum \frac{6}{8} + ⑪$]

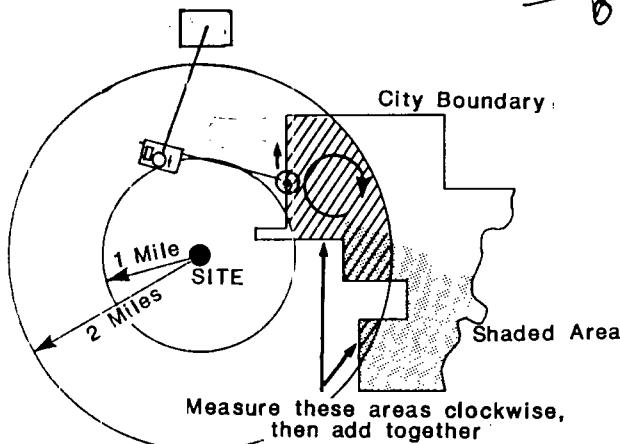
_____ People = ? 1

91
716
1083
1890
189
51
41
1749

PLANIMETER VERNIER SCALE



44.17 Square Inches



-48 houses outside city on surface water